

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			
INFORMATION DISCLOSURE STATEMENT		Docket Number: 10191/3818	
Application Number To Be Assigned	Filing Date Herewith	Examiner	Art Unit
Invention Title MAGNETORESISTIVE LAYER SYSTEM AND SENSOR ELEMENT HAVING THIS LAYER SYSTEM		Inventor(s) SIEGLE et al.	

Address to:

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

- I. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorney for Applicants hereby brings the following references to the attention of the Examiner. The references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
- II. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated on the modified PTO form 1449.

Dated:

12/30/04

By:

Richard L. Mayer
Richard L. Mayer (Reg. No. 22,490)

KENYON & KENYON
One Broadway
New York, N.Y. 10004
(212) 425-7200 (telephone)
(212) 425-5288 (facsimile)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449	Atty. Docket No. 10191/3818	Serial No. To Be Assigned
	Applicant(s) SIEGLE et al.	
	Filing Date Herewith	Group To Be Assigned

U. S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6351357*	Feb. 26, 2002	Dolejsi et al.			
	2002/076579*	June 20, 2002	Hanawa et al.			
	5206590	Apr. 27, 1993	Dieny et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	199 49 713	May 10, 2001	DE			X*	
	9 282612	Jan. 30, 1998	JP			X*	
	19820465	Nov. 12, 1998	DE			abstract only	
	69019242	Sept. 21, 1995	DE			abstract only	
	4243358	June 23, 1994	DE			abstract only	
	101 28 135	Dec. 19, 2002	DE			X**	

OTHER DOCUMENTS

EXAMINER'S INITIALS		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Phys. Rev. Lett., 84, (2000), page 1816 and page 3462.**
		IEEE Trans. Magn., 27, (1991), page 3588-3600.**

*Copy of reference is not enclosed because reference is cited in Search Report (copy of reference provided by International Searching Authority).

**Described in specification.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	